November 20, 2001

Mr. Philip McKittrick
Polyfoam Packers Corporation
955 Woodland Avenue
Michigan City, IN 46360

Re: 091-14496-00079
Significant Permit Modification to
Part 70 permit No.: T091-7666-00079

Dear Mr. McKittrick:

Polyfoam Packers Corporation was issued a Part 70 operating permit T091-7666-00079 on October 14, 1999 for operation of a polystyrene shape molding operation. An application to modify the source was received on May 23, 2001. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the operation of the following equipment:

(a) One (1) molding press, model number 813, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-29;

(b) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-30;

(c) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-31;

(d) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-32;

(e) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-33; and

(f) One (1) molding press, model number EHV-C, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-34.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter call Nishat Hydari at (973) 575-2555, ext. 3216, or call (800) 451-6027, press 0 and ask for extension 3-6878.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
NH/EVP
cc: File - LaPorte County
U.S. EPA, Region V
LaPorte County Health Department
Northwest Regional Office
Air Compliance Section Inspector - Rick Massoels
Compliance Data Section - Karen Nowak
Administrative and Development - Cynthia Bymaster
Technical Support and Modeling - Michelle Boner

PART 70 OPERATING PERMIT
and ENHANCED NEW SOURCE REVIEW
OFFICE OF AIR MANAGEMENT

Polyfoam Packers Corporation
955 Woodland Avenue
Michigan City, Indiana 46360

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T091-7666-00079	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: October 14, 1999 Expiration Date: October 14, 2004

First Administrative Amendment 091-11627-00079, issued on January 18, 2000
Second Administrative Amendment 091-13602-00079, issued on January 17, 2001

First Significant Permit Modification 091-14496-00079	Pages Affected: 5, 6, 7, 29, 30, 31, 31a, 36a
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: **November 20, 2001**

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permitte should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates stationary polystyrene shape molding operations.

Responsible Official:	Phil McKittrick
Source Address:	955 Woodland Avenue, Michigan City, Indiana 46360
Mailing Address:	955 Woodland Avenue, Michigan City, Indiana 46360
SIC Code:	3086
County Location:	LaPorte
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

1) One (1) boiler, model number CB 700-250, fueled by natural gas, heat input rate is 10.5 MMBtu per hour and exhausting to stack S-1.

2) Thirty-one (31) foam polystyrene storage silos with a total maximum storage capacity of 76,000 pounds.

3) One (1) polystyrene pre expander, model number 6000, rated at 1500 pounds per hour and exhausting to stack S-4.

4) One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-11.

5) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-14.

6) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-15.

7) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-16.

8) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-17.

9) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-18.

10) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-19.

11) One (1) pre expander, rated at 500 pounds per hour and exhausting to stack S-5.

12) One (1) # 2 pre expander, rated at 1500 pounds per hour, exhausting to stack S-6.

13) Two (2) molding presses, each rated at 150 pounds per hour, one exhausting to stack S-7 and the other press exhausting to stack S-8.

14) One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-12.

15) One (1) molding presses, model number 812, rated at 300 pounds per hour and exhausting to stack S-13.

16) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-20.

17) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-21.

18) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-22.

19) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-23.

20) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-24.

21) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-25.

22) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-26.

23) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-27.

24) One (1) molding press, Kohler model 609, rated at 400 pounds per hour and exhausting to Stack S-10.

25) One (1) molding press, model number 1317, identified as P001, rated at 600 pounds per hour, and exhausting to stack S-28.

26) One (1) molding press, model number 813, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-29.

27) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-30.

28) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-31.

29) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-32.

30) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-33.

31) One (1) molding press, model number EHV-C, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-34.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

1) One (1) boiler, model number CB 700-200, fueled by natural gas, heat input rate is 8.4 MMBtu per hour and exhausting to stack S

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22).

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

Thirty-one (31) foam polystyrene storage silo with a maximum storage silo with a maximum storage capacity of 76,000 pounds.

One (1) polystyrene pre expander, model number 6000, rated at 1500 pounds per hour and exhausting to stack S-4.

One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-11.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-14.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-15.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-16.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-17.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-18.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-19.

One (1) pre expander, rated at 500 pounds per hour, exhausting to stack S-5.

One (1) # 2 pre expander, rated at 1500 pounds per hour, exhausting to stack S-6.

Two (2) molding presses, each rated at 150 pounds per hour, one exhausting to stack S-7 and the other press exhausting to stack S-8.

One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-12.

One (1) molding presses, model number 812, rated at 300 pounds per hour and exhausting to stack S-13.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-20.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-21.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-22.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-23.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-24.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-25.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-26.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-27.

One (1) molding press, Kohler model 609, rated at 400 pounds per hour, and exhausting to Stack S-10.

One (1) molding press, model number 1317, identified as P001, rated at 600 pounds per hour, and exhausting to stack S-28.

One (1) molding press, model number 813, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-29.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-30.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-31.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-32.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-33.

One (1) molding press, model number EHV-C, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-34.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Prevention of Significant Deterioration [326 IAC 2-2 and 40 CFR 52.21]

Pursuant to CP 091-4823-00079, issued on March 29, 1996, the molding process shall use no more than 26.77 tons per month of pentane (VOC) (at 77.5% flash off). This usage limit is required to limit the potential to emit of VOC to 20.75 tons per month. Compliance with this limit makes the Prevention of Significant Deterioration (PSD) rules, 326 IAC 2-2 and 40 CFR 52.21 not applicable.

D.2.2 New Facilities, General Reduction Requirements [326 IAC 8-1-6]

Pursuant to CP 091-4823-00079, issued on March 29, 1996, the best available control technology (BACT) for the expandable polystyrene molding process shall be the use of the lowest available pentane content material without add-on control equipment. Also, the Permittee shall continuously search for material with lower pentane and VOC content. The applicant shall submit an annual report within 30 days of January 1 describing the search conducted during the past twelve (12) months, results of the previous year's search, and schedule of switching to material with lower pentane and VOC content if the material is available. Compliance with this condition will fulfill the requests of 326 IAC 8-1-6.

D.2.3 New Facilities, General Reduction Requirements [326 IAC 8-1-6]

BACT - The OAM, IDEM has determined the BACT for the pre expander, rated at 500 pounds per hour and # 2 pre expander, rated at 1500 pounds per hour shall be as follows:

(a) The molding compound shall contain a maximum average of 5.5% pentane.

(b) Polyfoam will continue to work with resin suppliers to seek to obtain resins with lower VOC content. Polyfoam will also continue to evaluate the alternate materials.

(c) The Permittee shall continuously search for material with lower pentane and VOC content. The applicant shall submit an annual report within 30 days of January 1 describing the search conducted during the past twelve (12) months, results of the previous year's search, and schedule of switching to material with lower pentane and VOC content if the material is available. Compliance with this condition will fulfill the requests of 326 IAC 8-1-6.

D.2.4 New Facilities, General Reduction Requirements [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6 (New Facilities, General Reduction Requirements), the Best Available Control Technology (BACT) for the six (6) molding presses, shall be the following:

(a) The VOC usage for the six (6) molding presses, shall be limited to 155.22 tons per twelve (12) consecutive month period.

(b) The molding compound shall contain a maximum average of 5.5% pentane.

(c) The Permittee shall continuously search for material with lower pentane and VOC content. The applicant shall submit an annual report within 30 days of January 1 describing the search conducted during the past twelve (12) months, results of the previous year's search, and schedule of switching to material with lower pentane and VOC content if the material is available. Compliance with this condition will fulfill the requests of 326 IAC 8-1-6.

D.2.5 Volatile Organic Compounds (VOC) [326 IAC 2-7-10.5] [326 IAC 8-1-6]

Any change or modification that will cause VOC emissions from the molding press identified as P001, to be equal to or greater than 25 tons per year shall require IDEM, OAM approval before such changes can take place.

Compliance Determination Requirements

D.2.6 Testing Requirements [326 IAC 2-7-6(1)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the VOC limit specified in Condition D.2.1 and D.2.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.7 Record Keeping Requirements

(a) To document compliance with Conditions D.2.1 and D.2.5, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1 and D.2.5.

(1) The amount and VOC content of expandable polystyrene molding compound. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

(2) A log of the dates of use;

(3) The total VOC usage for each month; and

(4) The weight of VOCs emitted for each compliance period.

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

(c) To document compliance with Condition D.2.3, the Permittee shall maintain records of the average monthly pentane content which shall be less than 5.5%.

D.2.8 Reporting Requirements

a) A quarterly summary of the information to document compliance with Condition D.2.1 and D.2.4 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

b) To document compliance with Condition D.2.2, D.2.3 and D.2.4 the Permittee shall submit an annual report within 30 days of January 1 describing the search conducted during the past twelve (12) months, results of the previous years search, and schedule of switching material with lower pentane and VOC content if the material is available.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Polyfoam Packers Corporation
Source Address: 955 Woodland Avenue, Michigan City, IN 46360
Mailing Address: 955 Woodland Avenue, Michigan City, IN 46360
Part 70 Permit No.: T091-7666-00079
Facility: six (6) molding presses
Parameter: VOC
Limit: VOC emissions not to exceed 155.22 tons per twelve (12) consecutive month period rolled on a monthly basis

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	VOC Usage This Month	VOC Usage Previous 11 Months	VOC Usage 12 Month Total
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this quarter.
9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Significant Source Modification and Significant Permit Modification to a Part 70 Operating Permit

Source Background and Description

Source Name:	Polyfoam Packers Corporation
Source Location:	955 Woodland Avenue, Michigan City, IN 46360
County:	LaPorte
SIC Code:	3086
Operation Permit No.:	T091-7666-00079
Operation Permit Issuance Date:	October 14, 1999
Significant Source Modification No.:	091-14438-00079
Significant Permit Modification No.:	091-14496-00079
Permit Reviewer:	NH/EVP

The Office of Air Quality (OAQ) has reviewed a modification application from Polyfoam Packers Corporation relating to the operation of a polystyrene shape molding operation.

Explanation of Modification

On May 23, 2001, Polyfoam Packers Corporation submitted an application to the OAQ requesting modifications to their existing plant. The modifications consist of the following:

(a) One (1) molding press, model number 813, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-29;

(b) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-30;

(c) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-31;

(d) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-32;

(e) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-33; and

(f) One (1) molding press, model number EHV-C, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-34.

Polyfoam Packers Corporation was issued a Part 70 permit on October 14, 1999.

The changes listed below have been made to the Part 70 Operating Permit (T091-7666-00079).

1) LaPorte County is attainment for all criteria pollutants. The County Status is Condition A.1 has been revised to reflect this.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates stationary polystyrene shape molding operations.

Responsible Official:	Phil McKittrick
Source Address:	955 Woodland Avenue, Michigan City, Indiana 46360
Mailing Address:	955 Woodland Avenue, Michigan City, Indiana 46360
SIC Code:	3086
County Location:	LaPorte
County Status:	~~Nonattainment for sulfur dioxide~~ **Attainment for all criteria pollutants**
Source Status:	Part 70 Permit Program Minor Source, under PSD

2) The six (6) new molding presses are being added to Section A.2 as follows.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

1) One (1) boiler, model number CB 700-250, fueled by natural gas, heat input rate is 10.5 MMBtu per hour and exhausting to stack S-1.

2) Thirty-one (31) foam polystyrene storage silos with a total maximum storage capacity of 76,000 pounds.

3) One (1) polystyrene pre expander, model number 6000, rated at 1500 pounds per hour and exhausting to stack S-4.

4) One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-11.

5) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-14.

6) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-15.

7) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-16.

8) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-17.

9) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-18.

10) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-19.

11) One (1) pre expander, rated at 500 pounds per hour and exhausting to stack S-5.

12) One (1) # 2 pre expander, rated at 1500 pounds per hour, exhausting to stack S-6.

13) Two (2) molding presses, each rated at 150 pounds per hour, one exhausting to stack S-7 and the other press exhausting to stack S-8.

14) One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-12.

15) One (1) molding presses, model number 812, rated at 300 pounds per hour and exhausting to stack S-13.

16) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-20.

17) One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-21.

18) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-22.

19) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-23.

20) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-24.

21) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-25.

22) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-26.

23) One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-27.

24) One (1) molding press, Kohler model 609, rated at 400 pounds per hour and exhausting to Stack S-10.

25) One (1) molding press, model number 1317, identified as P001, rated at 600 pounds per hour, and exhausting to stack S-28.

26) One (1) molding press, model number 813, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-29.

27) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-30.

28) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-31.

29) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-32.

30) One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-33.

31) One (1) molding press, model number EHV-C, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-34.

3) The six (6) new molding presses are being added to the facility description in Section D.2 as follows.

Facility Description [326 IAC 2-7-5(15)]

Thirty-one (31) foam polystyrene storage silo with a maximum storage silo with a maximum storage capacity of 76,000 pounds.

One (1) polystyrene pre expander, model number 6000, rated at 1500 pounds per hour and exhausting to stack S-4.

One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-11.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-14.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-15.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-16.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-17.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-18.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-19.

One (1) pre expander, rated at 500 pounds per hour, exhausting to stack S-5.

One (1) # 2 pre expander, rated at 1500 pounds per hour, exhausting to stack S-6.

Two (2) molding presses, each rated at 150 pounds per hour, one exhausting to stack S-7 and the other press exhausting to stack S-8.

One (1) molding press, model number 812, rated at 300 pounds per hour, and exhausting to stack S-12.

One (1) molding presses, model number 812, rated at 300 pounds per hour and exhausting to stack S-13.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-20.

One (1) molding press, model number 68, rated at 150 pounds per hour, and exhausting to stack S-21.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-22.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-23.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-24.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-25.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-26.

One (1) molding press, model number BR 620, rated at 100 pounds per hour, and exhausting to stack S-27.

One (1) molding press, Kohler model 609, rated at 400 pounds per hour, and exhausting to Stack S-10.

One (1) molding press, model number 1317, identified as P001, rated at 600 pounds per hour, and exhausting to stack S-28.

One (1) molding press, model number 813, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-29.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-30.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-31.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-32.

One (1) molding press, model number 68, identified as P001, rated at 150 pounds per hour, and exhausting to stack S-33.

One (1) molding press, model number EHV-C, identified as P001, rated at 300 pounds per hour, and exhausting to stack S-34.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Justification for the Modification

This Part 70 Operating permit is being modified through a Part 70 Significant Permit Modification. This modification is being performed pursuant to 326 IAC 2-7-12(d)(1) which states the following:

"Significant modification procedures shall be used for application requesting Part 70 permit modifications that do not qualify as minor permit modifications or as administrative amendments. Every significant change in existing monitoring Part 70 permit terms or conditions and every relaxation of reporting or record keeping permit terms or conditions shall be considered significant".

Recommendation

The staff recommends to the Commissioner that the Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on May 23, 2001, with additional information received on July 30, 2001.

Conclusion

This permit modification shall be subject to the conditions of the attached **Part 70 Permit No. 091-7666-00079**.

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Uncontrolled Potential Emissions (tons/year)

Pollutant	Emissions Generating Activity: Kurtz 813 Press	Kurtz 68 Presses (4)	Erlenbach EHV-C Press	**TOTAL**
PM	0.00	0.00	0.00	0.00
PM10	0.00	0.00	0.00	0.00
SO2	0.00	0.00	0.00	0.00
NOx	0.00	0.00	0.00	0.00
VOC	38.81	77.60	38.81	155.22
CO	0.00	0.00	0.00	0.00
total HAPs	0.00	0.00	0.00	0.00
worst case single HAP	0.00	0.00	0.00	0.00

Total emissions based on rated capacity at 8,760 hours/year.

Controlled Potential Emissions (tons/year)

Pollutant	Emissions Generating Activity: Kurtz 813 Press	Kurtz 68 Presses (4)	Erlenbach EHV-C Press	**TOTAL**
PM	0.00	0.00	0.00	0.00
PM10	0.00	0.00	0.00	0.00
SO2	0.00	0.00	0.00	0.00
NOx	0.00	0.00	0.00	0.00
VOC	38.81	77.60	38.81	155.22
CO	0.00	0.00	0.00	0.00
total HAPs	0.00	0.00	0.00	0.00
worst case single HAP	0.00	0.00	0.00	0.00

Total emissions based on rated capacity at 8,760 hours/year, after control.

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Emissions from Kurtz 813 Press

material: expandable polystyrene with 5.1% pentane by weight
maximum throughput: 300.0 pounds per hour

	5.10%	*	300.00	=	15.30	pounds of pentane per hour
pre-expander	24.00%	of pentane released		=	3.67	pounds of pentance per hour released
	0.76	*	15.30	=	11.63	pounds of pentane per hour remaining
storage silos	19.00%	of pentane released		=	2.21	pounds of pentane per hour released
	0.81	*	11.63	=	9.42	pounds of pentane per hour remaining
shape mold presses	14.00%	of pentane released		=	1.32	pounds of pentane per hour released
	0.86	*	9.42	=	8.10	pounds of pentance per hour remaining
warehouse	20.50%	of pentane released		=	1.66	pounds of pentance per hour released
	0.80	*	8.10	=	6.44	pounds of pentane per hour remaining
	8.86	*	8760 / 2000	=	38.81	tons per year of pentane released by shape mold press

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Emissions from Kurtz 68 Press

material: expandable polystyrene with 5.1% pentane by weight

maximum throughput:	150.0	pounds per hour				
	5.10%	*	300.00	=	7.65	pounds of pentane per hour
pre-expander	24.00%	of pentane released		=	1.84	pounds of pentance per hour released
	0.76	*	7.65	=	5.81	pounds of pentane per hour remaining
storage silos	19.00%	of pentane released		=	1.10	pounds of pentane per hour released
	0.81	*	5.81	=	4.71	pounds of pentane per hour remaining
shape mold presses	14.00%	of pentane released		=	0.66	pounds of pentane per hour released
	0.86	*	4.71	=	4.05	pounds of pentance per hour remaining
warehouse	20.50%	of pentane released		=	0.83	pounds of pentance per hour released
	0.80	*	4.05	=	3.22	pounds of pentane per hour remaining
	4.43	*	8760 / 2000	=	19.40	tons per year of pentane released by shape mold press

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Emissions from Kurtz 68 Press

material: expandable polystyrene with 5.1% pentane by weight

maximum throughput:	150.0	pounds per hour				
	5.10%	*	300.00	=	7.65	pounds of pentane per hour
pre-expander	24.00%	of pentane released		=	1.84	pounds of pentance per hour released
	0.76	*	7.65	=	5.81	pounds of pentane per hour remaining
storage silos	19.00%	of pentane released		=	1.10	pounds of pentane per hour released
	0.81	*	5.81	=	4.71	pounds of pentane per hour remaining
shape mold presses	14.00%	of pentane released		=	0.66	pounds of pentane per hour released
	0.86	*	4.71	=	4.05	pounds of pentance per hour remaining
warehouse	20.50%	of pentane released		=	0.83	pounds of pentance per hour released
	0.80	*	4.05	=	3.22	pounds of pentane per hour remaining
	4.43	*	8760 / 2000	=	19.40	tons per year of pentane released by shape mold press

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Emissions from Kurtz 68 Press

material: expandable polystyrene with 5.1% pentane by weight
maximum throughput: 150.0 pounds per hour

	5.10%	*	300.00	=	7.65	pounds of pentane per hour
pre-expander	24.00%	of pentane released		=	1.84	pounds of pentance per hour released
	0.76	*	7.65	=	5.81	pounds of pentane per hour remaining
storage silos	19.00%	of pentane released		=	1.10	pounds of pentane per hour released
	0.81	*	5.81	=	4.71	pounds of pentane per hour remaining
shape mold presses	14.00%	of pentane released		=	0.66	pounds of pentane per hour released
	0.86	*	4.71	=	4.05	pounds of pentance per hour remaining
warehouse	20.50%	of pentane released		=	0.83	pounds of pentance per hour released
	0.80	*	4.05	=	3.22	pounds of pentane per hour remaining
	4.43	*	8760 / 2000	=	19.40	tons per year of pentane released by shape mold press

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Emissions from Kurtz 68 Press

material: expandable polystyrene with 5.1% pentane by weight

maximum throughput:	150.0	pounds per hour				
	5.10%	*	150.00	=	7.65	pounds of pentane per hour
pre-expander	24.00%	of pentane released		=	1.84	pounds of pentance per hour released
	0.76	*	7.65	=	5.81	pounds of pentane per hour remaining
storage silos	19.00%	of pentane released		=	1.10	pounds of pentane per hour released
	0.81	*	5.81	=	4.71	pounds of pentane per hour remaining
shape mold presses	14.00%	of pentane released		=	0.66	pounds of pentane per hour released
	0.86	*	4.71	=	4.05	pounds of pentance per hour remaining
warehouse	20.50%	of pentane released		=	0.83	pounds of pentance per hour released
	0.80	*	4.05	=	3.22	pounds of pentane per hour remaining
	4.43	*	8760 / 2000	=	19.40	tons per year of pentane released by shape mold press

Appendix A: Emission Calculations

Company Name: Polyfoam Packers Corp.
Address City IN Zip: 955 Woodland Avenue, Michigan City, IN 46360
Title V SSM: 091-14438
Plt ID: 091-00079
Reviewer: NH/EVP

Emissions from Erlenbach EHV-C Press

material: expandable polystyrene with 5.1% pentane by weight
maximum throughput: 300.0 pounds per hour

	5.10%	*	300.00	=	15.30	pounds of pentane per hour	
pre-expander	24.00%	of pentane released		=	3.67	pounds of pentance per hour released	
	0.76	*	15.30	=	11.63	pounds of pentane per hour remaining	
storage silos	19.00%	of pentane released		=	2.21	pounds of pentane per hour released	
	0.81	*	11.63	=	9.42	pounds of pentane per hour remaining	
shape mold presses	14.00%	of pentane released		=	1.32	pounds of pentane per hour released	
	0.86	*	9.42	=	8.10	pounds of pentance per hour remaining	
warehouse	20.50%	of pentane released		=	1.66	pounds of pentance per hour released	
	0.80	*	8.10	=	6.44	pounds of pentane per hour remaining	
	8.86	*	8760 / 2000	=	38.81	tons per year of pentane released by shape mold press	